(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 30 June 2005 (30.06.2005)

PCT

(10) International Publication Number WO 2005/058250 A2

(51) International Patent Classification7:

A61K

(21) International Application Number:

PCT/US2004/042301

(22) International Filing Date:

17 December 2004 (17.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/530,149

17 December 2003 (17.12.2003) 17 March 2004 (17.03.2004) US

60/553,991 60/622,954

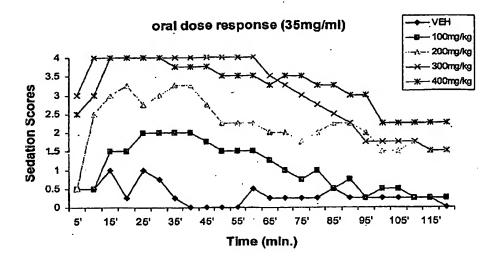
28 October 2004 (28.10.2004)

- (71) Applicant (for all designated States except US): GUIL-FORD PHARMACEUTICALS INC. [US/US]; 6611 Tributary Street, Baltimore, MD 21224 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SLUSHER, Barbara, S. [US/US]; 7424 Longfield Drive, Kingsville, MD 21087 (US). WOZNIAK, Krystyna [GB/US]; 422 Fox Catcher Road, Bel Air, MD 21015 (US).

- (74) Agent: RIVARD, Paul, M.; Banner & Witcoff, Ltd., 11th Floor, 1001 G. Street, N.W., Washington, DC 20001-4597
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHODS OF ADMINISTERING WATER-SOLUBLE PRODRUGS OF PROPOFOL FOR EXTENDED SEDATION



(57) Abstract: A method of administering a prodrug of propofol, preferably O-phosphonooxymethyl propofol disodium salt, comprises the oral, intragastric, or intraintestinal administration of the prodrug in amounts sufficient to induce or maintain a generalized anesthetized state, a conscious sedated state, or to treat insomnia, anxiety, nausea, vomiting, pruritus, epilepsy, and a range of pain syndromes and other medical conditions.